

PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-W24W60-2





AT-W24W60-2

DESCRIPTION

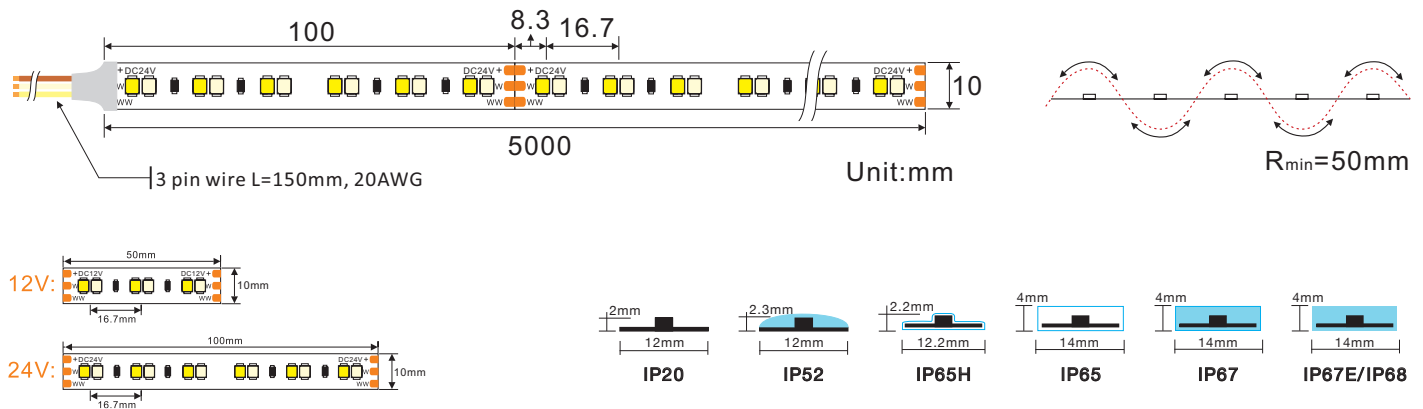
12V or 24V for option, flexible LED strip (12LED/step =100mm) with 3M adhesive tape on the back for easy installed.

2293.92lm/m at 24W/m. 120° beam angle.

Very good color reproduction with CRI>90. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L70). Double-layer FPC(2Oz) for good heat dissipation.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x10x1.2mm	Voltage (V)	DC12V/DC24V
Chip Type	2835SMD	Current (A/m)	2A(12V)/1A(24V)
Chip Density	120LEDs/m	Power (W/m)	24W(2 colors 100% on)
Step LEDs	6LEDs(12V)/ 12LEDs(24V)	Beam Angle	120°
Step Length	50mm(12V)/100mm(24V)	Operation Temperature	-20°C~50°C

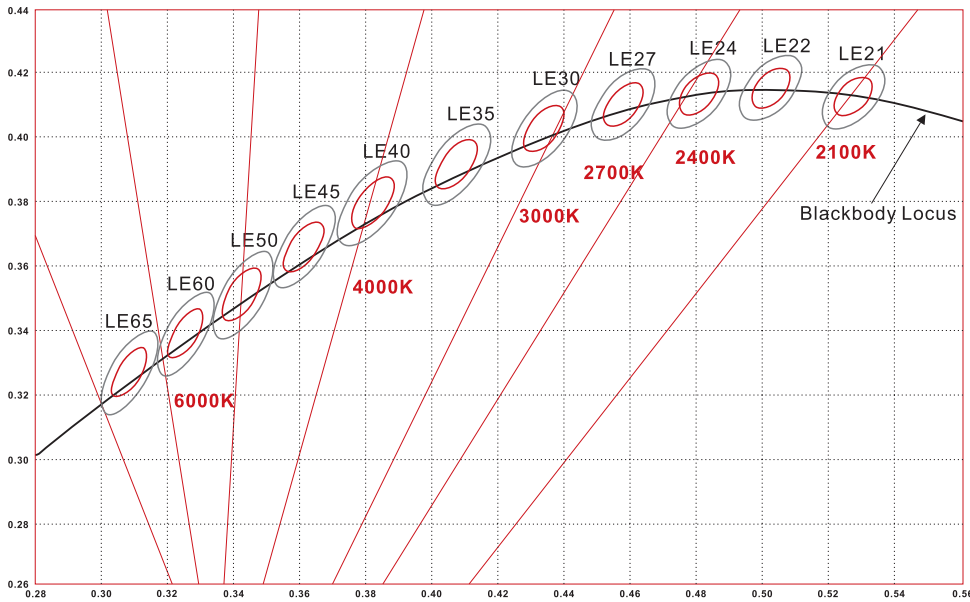
PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						Rf (Fidelity)	Rg (Gamut)
2400 only	1125.60	12	93.80	91.19	75.83	92.85	100.86
6000 only	1170.96	12	97.58	92.55	85.85	91.93	100.95
2700+6000 both	2293.92	12	95.58	93.53	93.83	91.96	101.91

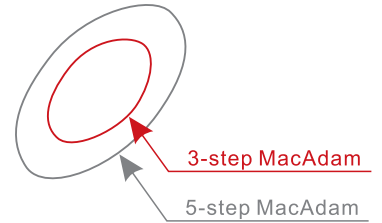


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BINING



Graphic Description:



- IP20: bare, max. light output and the best color consistency, indoor use.
- IP52: Silicone coating, ~5% less output and 3rd best color consistency, indoor use, for damp environments.
- IP65: Silicon tube / Heat shrink tube / Extrusion tube / U milky tube + clear cover, ~3% less output and 2nd best color consistency, Indoor use or semi-outdoor use, for raining environments.
- IP67: Silicone tube + silicon filling, ~7% less output and 4th best color consistency, outdoor use, max length is 10 meters.
- IP67E: Solid silicone extrusion, ~7% less output and 4th best color consistency, outdoor use, max length up to 50 meters.
- IP68: PU(Polyurethane), ~7% less output and 4th best color consistency, under the water, within 2 meters deep.

LIGHT DISTRIBUTION CURVE (DATA BASE ON 1M IP20 2700K+6000K CRI>90, UNIT:CD)

